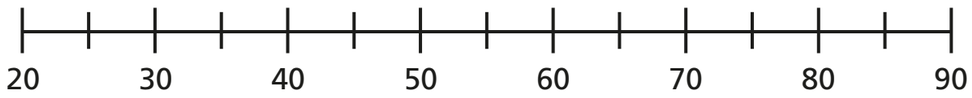
Round decimals

1 Here are some number cards.

27	61	49	83

a) Draw arrows to estimate the position of the numbers on the number line.



b) Use the numbers to complete the sentences.

☐ is closer to 50 than 40

☐ is closer to 30 than 20

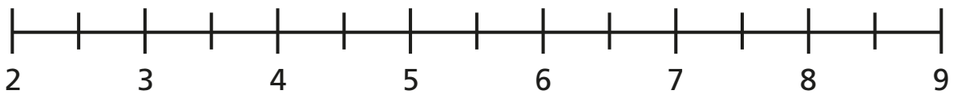
☐ is closer to 80 than 90

☐ is closer to 60 than 70

2 Here are some number cards.

2.7	6.1	4.9	8.3

a) Draw arrows to estimate the position of the numbers on the number line.



b) Use the numbers to complete the sentences.

☐ is closer to 5 than 4

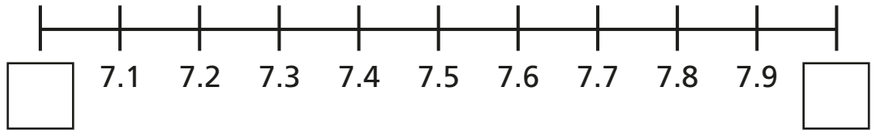
☐ is closer to 3 than 2

☐ is closer to 8 than 9

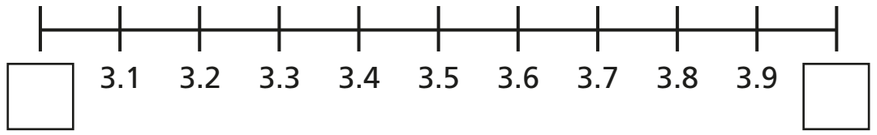
☐ is closer to 6 than 7

3 Fill in the integers on the number lines.

a)



b)



4 Which integers do the numbers lie between?

Fill in the boxes to make the statements correct.

a) ☐ < 1.4 < ☐

b) ☐ < 34.8 < ☐

c) ☐ < 0.7 < ☐

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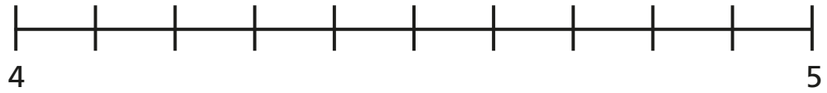
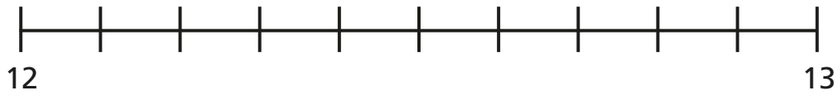
5 **a)** Label 4.3 on the number line.



Is it closer to 4 or 5? ☐

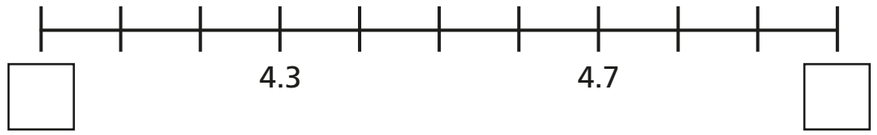
b) Label 12.8 on the number line.



Is it closer to 12 or 13? ☐

6 Complete the number lines and sentences.

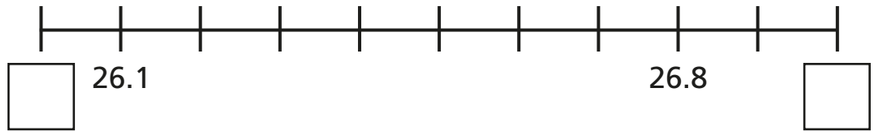
a)



☐ is closer to ☐ than ☐

☐ is closer to ☐ than ☐

b)



☐ is closer to ☐ than ☐

☐ is closer to ☐ than ☐

7 Which numbers **round up** to the nearest whole number?

Circle your answers.

4.1 **2.8** **0.7** **12.3** **0.5** **99.3**

8 Round each decimal to the nearest whole number.

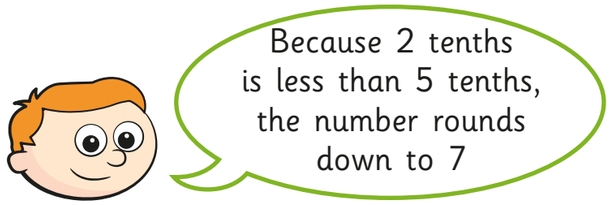
a) 1.8 ☐ **e)** 13.7 ☐

b) 4.2 ☐ **f)** 20.1 ☐

c) 0.9 ☐ **g)** 0.4 ☐

d) 1.5 ☐ **h)** 99.8 ☐

9 Ron is rounding 8.2 to the nearest whole number.



Do you agree with Ron? _____

Explain your answer.

10 Tommy is thinking of a number that has one decimal place.

When he rounds his number to the nearest whole, the answer is 32

What number could Tommy be thinking of? ☐

Are there any other answers?

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